

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,163,019 B2  
APPLICATION NO. : 10/633069  
DATED : January 16, 2007  
INVENTOR(S) : Donald L. Yates

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**On the title page:**

In ITEM (56) "References Cited,  
U.S. Patent Documents,"

PAGE 2,	LINE 5,	after reference "4,911,761" insert --4,962,776 10/1990 Liu et al.--
PAGE 2,	LINE 9,	after reference "5,069,236" insert --5,078,832 1/19992 Tanaka--
PAGE 2,	LINE 15,	after reference "5,520,734" insert --5,537,508 7/1996 Ebbing et al.--
PAGE 2,	LINE 20,	after reference "5,714,203" insert --5,715,612 2/1998 Schwenkler--
PAGE 2,	LINE 3,	after reference "6,001,191" insert --6,004,399 12/1998 Wong et al.--

In ITEM (56) "References Cited, On Title page  
Foreign Patent Documents,"

PAGE 1,	LINE 2,	after reference "EP 0386636 5/1990" insert --JP 60-103349 6/1985--
PAGE 2,	LINE 5,	after reference "JP 5-47734" insert --JP 05-206096 8/1983--
PAGE 2,	LINE 6,	after reference "JP-06-029278" insert --JP 06-029278 2/1994--

In ITEM (56) "References Cited,  
Other Publications,"

PAGE 2,	LINE 2,	change "W. Kem" to --W. Kern--
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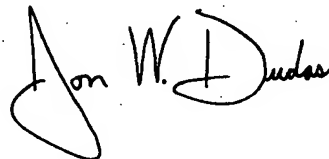
Page 2 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 1, LINE 9,	after "Aug. 28, 2002," delete "pending"
COLUMN 1, LINE 11-12,	after "Oct. 27, 1999," delete "pending"
CLAIM 31, COLUMN 12, LINE 1,	after "the" and before "vessel" insert --multi-sided--

Signed and Sealed this

Sixth Day of November, 2007



JON W. DUDAS

*Director of the United States Patent and Trademark Office*